## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2000236343 A

(43) Date of publication of application: 29.08.00

(51) Int. CI

H04L 12/28 H04Q 7/36

(21) Application number: 11178737

(71) Applicant:

MATSUSHITA ELECTRIC IND CO

LTD

(22) Date of filing: 24.06.99

15.12.98 JP 10356409

(72) Inventor:

**ISHI TAKAMASU** KATO OSAMU

**UESUGI MITSURU** 

## (54) DEVICE AND METHOD FOR RADIO COMMUNICATION

(57) Abstract:

(30) Priority:

PROBLEM TO BE SOLVED: To cope asymmetric traffic and the QoS of a user with fidelity and to improve a frame utilization rate and system capacity.

SOLUTION: An outgoing transmission condition buffer 601 stores information concerning the waiting of each outgoing transmission cell communicating party. An incoming transmission condition buffer 603 stores information concerning the incoming transmission waiting cell of each communicating party. On the basis of information stored in the incoming transmission condition buffer 603 and information stored in the outgoing transmission condition buffer 601, a channel allocating part 602 equally allocates a unit sub-slot to each of the transmission waiting cell.

## COPYRIGHT: (C)2000, JPO

